Industry Sector: Education & Child Development

Career Pathway: Child Development

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Pathway Student Development
- To	9	English 9	Integrated I or 1A	Environmental Science/Biology/ AG Earth Science/AG			Physical Education Exploring Computer Science (DE-CIS1 & STU90) *	Industry/ Guest Speakers
High School	10	English 10	Integrated II	Chemistry OR AG Soil Chemistry (DE)*	World History		Introduction to Communications	NEPRIS- Industry live web into the classroom
Hig	11	English 11/AP English Lang/AP Eng. Lit	Alg. II	Anatomy & Physiology	US History 17a/b(DE)*	Child Development	Fine arts/ Foreign Language	Industry Tours/Job Shadows
	12	English 12 OR English 1A (DE) *	viaur Analysis (Matri 2a/2b) (DE)AP Calculus (DE)		American Gov't/Economics	Childcare Occupations	Fine arts/ Foreign Language	Placement/ Feeder School visitations and presentations by
Postsecondary	Years 13- 16		See Catalog for					Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway Google Certification possible Cyber Safe Certificates Occupations Requiring Less Than a Baccalaureate Degree Day care assistant Day Care Provider
	urse away	4 Courses Related to a	Pathway in a Specifi	c Sector : Sequer	nce of 4 CTE courses	in the identified patl	nway	Activities Director Occupations Requiring a Baccalaureate Degree
Furt Devel Path	•	4 Courses Further Devi one academic/core class				•	ay including at least	Educator Child Psychologist Counselor

Industry Sector: Finance & Business

Career Pathway: Business Management

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Pathway Student Development
loc	9	English 9	Integrated I or 1A	Environmental Science/Biology/ AG Earth Science/AG			Physical Education Exploring Computer Science (DE-CIS1 & STU90) *	Industry/ Guest Speakers
High School	10	English 10	Integrated II	Chemistry OR AG Soil Chemistry (DE)*	World History	Graphic Arts	Introduction to Communications	NEPRIS- Industry live web into the classroom
High	11	English 11/AP English Lang/AP Eng. Lit	Alg. II	Anatomy & Physiology	US History 17a/b(DE)*		Fine arts/ Foreign Language	Industry Tours/Job Shadows
	12	English 12 OR English 1A	Math Analysis (Math 2a/2b) (DE)AP Calculus (DE)			Introduction to Business/Personal Finance	Fine arts/ Foreign Language	Community Classroom Placement/ Feeder School visitations and presentations by students
		Please mark Dual Enrol	lled courses with (*)	so we are able to	recognize them in	data collection		
Postsecondary			See Catalog for	Degree Requ	irements			Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway Google Certification possible
COL	Years 13		_					Cyber Safe Certificates
stse	16							Occupations Requiring Less Than a Baccalaureate Degree
Рс								Entrepreneur
								Data Base user
			n.i	• • •	(4 OT =			Accts Receivable/Payable
4 Co Path	urse	4 Courses Related to a	Pathway in a Specific	<u>: Sector :</u> Sequer	ice of 4 CTE courses	s in the identified patl	nway	Payroll Tech Occupations Requiring a Baccalaureate Degree
Furt	her	4 Courses Further Dev	eloped Model Defini	tion: Sequence o	f 4 CTE courses in t	heir identified pathwa	ay including at least	Accountant
Devel	loped	one academic/core class	ss each year and two	Dual Enrollment	opportunities (DE)	*	_	Stock Trader
Path	way							Financial Analyst

Industry Sector: Public Service

Career Pathway: Emergency Response

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Pathway Student Development
loc	9	English 9	Integrated I or 1A	Environmental Science/Biology			Physical Education Exploring Computer Science (DE-CIS1 & STU90) *	Industry/ Guest Speakers
High School	10	English 10	Integrated II	Chemistry	World History			NEPRIS- Industry live web into the classroom
High	11	English 11/AP English Lang/AP Eng. Lit	Alg. II	Anatomy & Physiology	US History 17a/b(DE)*	Firefighting I	Fine arts/ Foreign Language	Industry Tours/Job Shadows
	12	English 12 OR English 1A (DE) *	Math Analysis (Math 2a/2b) (DE)AP Calculus (DE)		American Gov't/Economics	Firefighting II OR Emergency Medical Technician	Fine arts/ Foreign Language	Community Classroom Placement/ Feeder School visitations and presentations by students
ondary	Years 13		See Catalog for	Degree Requ	irements			Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway Google Certification possible
Postsecondary	16							Cyber Safe Certificates Occupations Requiring Less Than a Baccalaureate Degree Firefighter
								Forester City Fire
4 Co Path		4 Courses Related to a	Pathway in a Specifi	c Sector : Sequer	nce of 4 CTE courses	in the identified pat	hway	Fire Investigator Occupations Requiring a Baccalaureate Degree
Furt Devel Path	oped	4 Courses Further Devone academic/core class	•			•	ay including at least	Fire Protection Engineer Fire Prevention Engineer

Northern California Pathways Project Program of Study- 2018-19

Industry Sector: Health Science & Medical Technology

Career Pathway: Patient Care

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	•	Work Based Learning Opportunities
	9	English 9	Integrated I or 1A	Biology			Physical Education Exploring Computer Science (DE-CIS1 & STU90) *	Industry Speakers/NEPRIS
hool	10	English 10	Integrated II/ Algebra II	Chemistry	World History	Introduction to Medical Careers (DE) *	Physical Education	Industry Tours/ Job Shadows/NEPRIS
High School	11	English 11/AP English Lang/AP Eng. Lit	Alg. II	Anatomy & Physiology	US History 17a/b(DE)*	Health Occupations (11th & 12th) Pharmacology/ Proofreading (SC Concurrent) Nutrition (SC Concurrent)	Introduction to Communications Fine Arts/ Foreign Language	Community Classroom Placements/NEPRIS
	12	English 12 OR English 1A (DE) * Please mark Dual Enrol	Calculus (DE)		-	Therapeutic Services (11th & 12th) em in data collection	Fine arts/ Foreign Language	Community Classroom Placements/NEPRIS
Postsecondary	Years 13- 16					Degree Requiren	nents	CNA, MA Lab Tech, X-Ray Tech Occupations Requiring a
4 Co Pathw Gra	ay for	NCPP 4 Courses Relate 2 with Dual Enrollment			sequence of 4 CTE co	ourses in the identifie	ed pathway including	Baccalaureate Degree
Со	re	Core Support Classes						BSN
Furt Devel Path	oped	NCCP 4 Courses Furthe least one academic/cor				•	atiway including at	Industry Recognized Certifications NHA Cert:Phlebotomy (2018) FIRS Aid/CPR/AED

Northern California Pathways Project Program of Study - 2018-19

Industry Sector: Manufacturing & Product Development

Career Pathway: Machining & Forming Technologies

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Occupations Requiring Less Than a Baccalaureate Degree
-	9	English 9	Integrated I or 1A	Science/Biology/A G Earth Science/AG Biology		Intro to Manufacturing (DE)*	Physical Education Exploring Computer Science (DE-CIS1 & STU90) *	Industry/ Guest Speakers
High School	10	English 10	Integrated II	Chemistry OR AG Soil Chemistry (DE)*	World History	Machine Forming Technologies	PE	NEPRIS- Industry live web into the classroom
High	11		Math Analysis (Math 2a/2b) (DE)*	Anatomy & Physiology	US History 17a/b(DE)*		Fine arts/ Foreign Language	Industry Tours/Job Shadows
	12	English 12 OR English 1A (DE) *	AP Calculus (DE)*		American Gov't/Economics	CNC Machinist/Machining Proficiency	Fine arts/ Foreign Language	Community Classroom Placement/ Feeder School visitations and presentations by students
		Please mark Dual Enrol	led courses with (*) so we are able to	recognize them in	data collection		
dary			See Catalog for	r Degree Requ	irements	Installation T	or Ider Operator echnician	Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway
one	Years 13					CNC OperatoSolid Model	r CAD Technician	Google Certification possible
ec	16					Quality Cont	rol Technician	Cyber Safe Certificates
Postsecondary						Graphic DesiMaintenanceCNC program	Technician nmer	Occupations Requiring Less Than a Baccalaureate Degree
						Computer-Ai	ded Drafter	CNC Operator
		NCDD 4 Courses Delete	d to a Datherran to a	Considia Contact	Converse of A CTF	المراكب المراجع	و مناور و المراجع و	Solid Model CAD Tech
4 Coo Pathw Gra	ay for	NCPP 4 Courses Related 2 with Dual Enrollment	-	-	equence of 4 CTE c	ourses in the identified	patnway including	QC Technician Occupations Requiring a Baccalaureate Degree
Furt	her	NCCP 4 Courses Furthe	r Developed Model	Definition: Seque	nce of 4 CTE course	es in their identified pat	thway including at	Manufacturing Mgr.
Devel Path	oped	least one academic/cor	-			·	· -	

Industry Sector: Agriculture and Natural Resources

Career Pathway: Ornamental Horticulture

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Pathway Student Development
loc	9	English 9		AG Earth Science/AG Biology			Physical Education Exploring Computer Science (DE-CIS1 & STU90) *	Industry/ Guest Speakers
High School	10	English 10	Integrated II	AG Soil Chemistry (DE)*	World History	Floral Design	PE	NEPRIS- Industry live web into the classroom
Hig	11	English 11/AP English Lang/AP Eng. Lit		AG Systems Mgmt.	US History 17a/b(DE)*		Fine arts/ Foreign Language	Industry Tours/Job Shadows
	12	English 12 OR English 1A (DE) *	Calculus (DE)		American Gov't/Economics	Advanced Floral Design	Fine arts/ Foreign Language	Community Classroom Placement/ Feeder School visitations and presentations by
ndary		Please mark Dual Enrol	See Catalog for			i data collection		Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway Google Certification possible
Postsecondary	Years 13- 16							Cyber Safe Certificates Occupations Requiring Less Than a Baccalaureate Degree
Ро								Florist Nursery Owner
								Nursery Assistant
4 Co Path	urse	4 Courses Related to a	Pathway in a Specific	c Sector : Sequer	nce of 4 CTE courses	s in the identified pat	hway	Occupations Requiring a Baccalaureate Degree
Furt Devel Path	oped	4 Courses Further Deve one academic/core class		<u> </u>		•	ay including at least	Nursery Owner Horticulture Specialist Landscape Designer

Industry Sector: Agriculture and Natural Resources

Career Pathway: Agriscience

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Pathway Student Development
<u> </u>	9	English 9	Integrated I or 1A	AG Earth Science/AG Biology		Ag Earth Science	Physical Education Exploring Computer Science (DE-CIS1 & STU90) *	Industry/ Guest Speakers
High School	10	English 10	Integrated II	AG Soil Chemistry (DE)*	World History	AG Biology	PE	NEPRIS- Industry live web into the classroom
High	11	9.	Alg. II	AG Systems Mgmt.	US History 17a/b(DE)*	Ag & Soil Chemistry (DE- AGPS 24 Soils)	Fine arts/ Foreign Language	Industry Tours/Job Shadows
	12	English 12 OR English 1A	Math Analysis (Math 2a/2b) (DE)AP Calculus (DE)		American Gov't/Economics	AG Systems Management Ag Farm Operations	Fine arts/ Foreign Language	Community Classroom Placement/ Feeder School visitations and presentations by students
		Please mark Dual Enrol	lled courses with (*)	so we are able to	o recognize them in	data collection		
dary			See Catalog for	Degree Regu	irements			Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway Google Certification possible
on	Years 13		See catalog for	Degree nequ	ii ciliciits			Cyber Safe Certificates
Postsecondary	16							Occupations Requiring Less Than a Baccalaureate Degree
Ро								Farmer/Rancher
								Food Science assistant
								Food Seller/Retail
1.50	urco	4 Courses Related to a	Pathway in a Specific	c Sector : Sequer	ice of 4 CTE courses	in the identified pat	hway	
4 Co								Occupations Requiring a Baccalaureate Degree
Furt	her	4 Courses Further Dev	eloped Model Defini	tion: Sequence o	f 4 CTE courses in tl	heir identified pathw	ay including at least	Food Scientist
Devel	oped	one academic/core clas	ss each year and two	Dual Enrollment	opportunities (DE)	*		Conservationist
Path	way							Agriculture journalist

Industry Sector: Agriculture and Natural Resources

Career Pathway: Agriculture Business

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Pathway Student Development
lo l	9	English 9		AG Earth Science/AG Biology			Physical Education Exploring Computer Science (DE) Frosh Success (DE)*	Industry/ Guest Speakers
High School	10	English 10	Integrated II	AG Soil Chemistry (DE)*	World History	AG Leadership	PE	NEPRIS- Industry live web into the classroom
Hig	11	English 11/AP English Lang/AP Eng. Lit	Alg. II	AG Systems Mgmt.	US History 17a/b(DE)*		Fine arts/ Foreign Language	Industry Tours/Job Shadows
	12	English 12 OR English 1A (DE) *	2a/2b) (DE)AP Calculus (DE)		American Gov't/Economics	AG Business & Econ	Fine arts/ Foreign Language	Community Classroom Placement/ Feeder School visitations and presentations by
	-	Please mark Dual Enrol	lled courses with (*)	so we are able to	recognize them in	data collection	-	
Postsecondary	Years 13- 16		See Catalog for	Degree Requ	irements			Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway Google Certification possible Cyber Safe Certificates Occupations Requiring Less Than a Baccalaureate Degree Rancher/farmer
4 Co Path	urse	4 Courses Related to a	Pathway in a Specific	<u>: Sector :</u> Sequer	ice of 4 CTE courses	in the identified path	nway	Occupations Requiring a Baccalaureate Degree
Furt	her	4 Courses Further Dev	eloped Model Defini	tion: Sequence o	f 4 CTE courses in tl	neir identified pathwa	ay including at least	Farm Accounting/Finance
Devel Path		one academic/core clas	ss each year and two	Dual Enrollment	opportunities (DE)	*		International Trade Livestock Production

Industry Sector: Agriculture and Natural Resources

Career Pathway: Animal Science

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Pathway Student Development
lo	9	English 9	Integrated I or 1A	AG Earth Science/AG Biology			Physical Education Exploring Computer Science (DE-CIS1 & STU90) *	Industry/ Guest Speakers
High School	10	English 10	Integrated II	AG Soil Chemistry (DE)*	World History	Animal Science	PE	NEPRIS- Industry live web into the classroom
High	11	English 11/AP English Lang/AP Eng. Lit	Alg. II	AG Systems Mgmt.	US History 17a/b(DE)*	Equine Science	Fine arts/ Foreign Language	Industry Tours/Job Shadows
	12		Calculus (DE)		American Gov't/Economics		Fine arts/ Foreign Language	Community Classroom Placement/ Feeder School visitations and presentations by
ary		Please mark Dual Enro	lled courses with (*)	so we are able to	o recognize them in	data collection		Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway
pude	Years 13		See Catalog for	Degree Requ	irements			Google Certification possible
Postsecondary	16							Cyber Safe Certificates Occupations Requiring Less Than a Baccalaureate Degree
Po								Vet Tech
								Front Office Vet assistant
		A Cassaca Bullius II	Dath	- Castan Car	an of A CTS	the place takes (100 of 100 of		Animal caretaker
4 Co Path		4 Courses Related to a	rathway in a Specific	<u>c sector :</u> Sequer	ice of 4 CTE courses	in the identified pati	nway	Occupations Requiring a Baccalaureate Degree
Furt	her	4 Courses Further Dev	eloped Model Defini	tion: Sequence o	f 4 CTE courses in tl	neir identified pathw	ay including at least	Veterinarian
Devel Path	•	one academic/core clas	ss each year and two	Dual Enrollment	opportunities (DE)	*		Geneticist

Northern California Pathways Project Program of Study 2017-18

Industry Sector: Agriculture Ag Mechanics/Adv. Manufacturing

Career Pathway: Welding & Materials Joining/AG Mechanics

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Pathway Student Development
lo	9	English 9	Integrated I or 1A	AG Earth Science/AG Biology		AG Mechanics I	Exploring Computer Science/Frosh Success (DE)*	Industry/ Guest Speakers
School	10	English 10	Integrated II	AG Soil Chemistry (DE)*	World History	AG Mechanics II	PE	NEPRIS- Industry live web into the classroom
High	11	English 11/AP English Lang/AP Engl Lit	Alg. II	AG Systems Mgmt	US History 17a/b(DE)*	AG Mechanics III	Fine arts/ Foreign Language	Industry Tours/Job Shadows
	12		Calculus (DE)		Us Gov/Econ	AG Mechanics IV (Weld70 DE)*	Fine arts/ Foreign Language	Community Classroom Placement/ Feeder School visitations and presentations by
	П	Please mark Dual Enro	lled courses with (*)	so we are able t	o recognize them ir	n data collection		Industry Recognized Certifications,
Postsecondary	Years 13- 16		See Catalog for	Degree Requ	irements			Licenses, or Credentials Related to This Pathway Google Certification possible Cyber Safe Certificates Occupations Requiring Less Than a
Post								Baccalaureate Degree Welder Cutters & Fabricators
								Certified Welder
4 Co	ourse	NCPP 4 Courses Relate	d to a Pathway in a S	pecific Sector : S	Sequence of 4 CTE c	ourses in the identific	ed pathway	Senior Certified Welder
	vay for ant	including 2 with Dual E	nrollment opportunit	ies (DE) *				Occupations Requiring a Baccalaureate Degree
	ther	NCCP 4 Courses Furthe	r Developed Model [Definition: Seque	ence of 4 CTE course	es in their identified p	athway including at	
	loped way	least one academic/cor	e class each year and	l two Dual Enroll	ment opportunities	(DE) *		

Industry Sector: Engineering & Architecture

Career Pathway: Engineering & Design

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Pathway Student Development
lo	9	English 9	Integrated I or 1A	Environmental Science/Biology/A G Earth Science/AG Biology		Computer Aided Drafting	Physical Education Exploring Computer Science (DE-CIS1 & STU90) *	Industry/ Guest Speakers
High School	10	English 10		Chemistry OR AG Soil Chemistry (DE)*	World History	Principles of Engineering		NEPRIS- Industry live web into the classroom
臣	11	English 11/AP English Lang/AP Eng. Lit	Alg. II	Anatomy & Physiology	US History 17a/b(DE)*		Fine arts/ Foreign Language	Industry Tours/Job Shadows
	12	English 12 OR English 1A (DE) *	Math Analysis (Math 2a/2b) (DE)AP Calculus (DE)		American Gov't/Economics		Fine arts/ Foreign Language	Community Classroom Placement/ Feeder School visitations and presentations by students
dary		Please Mark Dual Enro	lled courses with (*) so we are able	to recognize them	in data collection		Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway
con	Years 13-		See Catalog fo	or Degree Req	uirements			Beginning Drafter
Postsecondary								Architech Occupations Requiring Less Than a Baccalaureate Degree
16				<u> </u>	6 6 6 6 7 7 7			Archetectual Design
4 Co Pathw Gro		NCPP 4 Courses Relate including 2 with Dual Enadditional Capstone co	nrollment opportu	-	•		•	Occupations Requiring a Baccalaureate Degree
	ther	NCCP 4 Courses Furthe				•	oathway including at	Network Security
Devel	-	least one academic/cor	e class each year a	nd two Dual Enro	llment opportunitie	es (DE) *		Software Developer
Path	way							Applications Developer

Industry Sector: Engineering & Architecture

Career Pathway: Environmental & Natural Science Engineer

Guest Speakers Industry live web into the
1
Tours/Job Shadows
ity Classroom Placement/ chool visitations and cions by students
Recognized Certifications, or Credentials Related to This Pathway ans Requiring Less Than a peate Degree
ern ry Biology jobs
upations Requiring a ccalaureate Degree
Engineer ce exploratin
ns einn

Industry Sector: Information & Communications Technology

Career Pathway: Information & Support Services

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Pathway Student Development
	9	English 9	Integrated I or 1A	Science/Biology/ AG Earth Science/AG Biology		Exploring Computer Science (DE-CIS1 & STU90) *	Physical Education Exploring Computer Science (DE-CIS1 & STU90) *	Industry/ Guest Speakers
High School	10	English 10	Integrated II	Chemistry OR AG Soil Chemistry (DE)*	World History		PE	NEPRIS- Industry live web into the classroom
His	11	English 11/AP English Lang/AP Eng. Lit	Alg. II	Anatomy & Physiology	US History 17a/b(DE)*	A+ Certification (DE- CIS 90)*	Fine arts/ Foreign Language	Industry Tours/Job Shadows
	12	` '	(DE)		American Gov't/Economics	Robotics Cyber Security	Fine arts/ Foreign Language	Community Classroom Placement/ Feeder School visitations and presentations by students
dary		Please Mark Dual En	rolled courses wit	h (*) so we are a	ble to recognize the	em in data collection		Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway
Postsecondary	Years 13- 16						Google Certification possible Cyber Safe Certificates Occupations Requiring Less Than a	
	4 Course NCPP 4 Courses Related to a Pathway in a Specific Sector: Sequence of 4 CTE courses in the identified pathway						Baccalaureate Degree Phone support Occupations Requiring a	
	vay for ant	including 2 with Dual		Baccalaureate Degree Computer Network Specialist				
Deve	Further Developed Pathway NCCP 4 Courses Further Developed Model Definition: Developed Pathway NCCP 4 Courses Further Developed Model Definition: Sequence of 4 CTE courses in their identified pathway including at least one academic/core class each year and two Dual Enrollment opportunities (DE) *						Field Support Technician	

Industry Sector: Information & Communications Technology

Career Pathway: Software & Systems Development

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Pathway Student Development	
lo	9	English 9	Integrated I or 1A	Environmental Science/Biology/A G Earth Science/AG Biology		Exploring Computer Science (DE-CIS1 & STU90) *	Physical Education Exploring Computer Science (DE-CIS1 & STU90) *	Industry/ Guest Speakers	
High School	10	English 10	Integrated II	Chemistry OR AG Soil Chemistry (DE)*	World History	CSP-Computer Science Principles (DE-CIS62)*		NEPRIS- Industry live web into the classroom	
Ï	11	English 11/AP English Lang/AP Eng. Lit	Alg. II	Anatomy & Physiology	US History 17a/b(DE)*	CSA-Computer Science Applications (DE- CIS76)*	Fine arts/ Foreign Language	Industry Tours/Job Shadows	
	12	English 12 OR English 1A (DE) *	Math Analysis (Math 2a/2b) (DE)AP Calculus (DE)		American Gov't/Economics	Robotics Cyber Security	Fine arts/ Foreign Language	Community Classroom Placement/ Feeder School visitations and presentations by students	
dary		Please Mark Dual Enro	lled courses with (*) so we are able	to recognize them	in data collection		Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway	
con	Years 13- 16		See Catalog for Degree Requirements						
Postsecondary								Cyber Safe Certificates Occupations Requiring Less Than a Baccalaureate Degree	
				-				Phone support	
4 Co		NCPP 4 Courses Relate	•	Phone center Mgr.					
Pathw Gro		including 2 with Dual Er additional Capstone co	e vesign as an	Occupations Requiring a Baccalaureate Degree					
Furt	her	NCCP 4 Courses Furthe	Network Security						
Devel	loped	least one academic/cor	Software Developer						
Pathway			Applications Developer						

Industry Sector: Transportation

Career Pathway: System Diagnostics Service & Repair

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Pathway Student Development
10	9	English 9	Integrated I or 1A	Environmental Science/Biology/ AG Earth Science/AG		Auto Upkeep/Hybrid & Alternative Fuels	Physical Education Exploring Computer Science (DE-CIS1 & STU90) *	Industry/ Guest Speakers
High School	10	English 10	Integrated II	Chemistry OR AG Soil Chemistry (DE)*	World History	Automotive Services I	PE	NEPRIS- Industry live web into the classroom
Hig	11	English 11/AP English Lang/AP Eng. Lit	Alg. II	Anatomy & Physiology	US History 17a/b(DE)*	Automotive Services II	Fine arts/ Foreign Language	Industry Tours/Job Shadows
	12	English 12 OR English 1A (DE) *	Math Analysis (Math 2a/2b) (DE)AP Calculus (DE)		American Gov't/Economics	Automotive Technician	Fine arts/ Foreign Language	Community Classroom Placement/ Feeder School visitations and presentations by students
ndary		See Catalog for Degree Requirements						Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway Google Certification possible
Postsecondary	Years 13							Cyber Safe Certificates Occupations Requiring Less Than a Baccalaureate Degree Auto Technician
Д.								Oil Lube Tire Businesses
	ourse hway	4 Courses Related to a	Pathway in a Specific	<u>c Sector :</u> Sequer	nce of 4 CTE courses	s in the identified path	way	High performance Engine Occupations Requiring a Baccalaureate Degree
=	ther	4 Courses Further Dev	-	•		·	y including at least	Sales Managers Auto
	eloped hway	one academic/core clas	s each year and two	Dual Enrollment	opportunities (DE)	*		Design Engineer College Auto Instructor

Industry Sector: Building & Construction Trades

Career Pathway: Construction Technology

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Pathway Student Development
lo	9	English 9	Integrated I or 1A	Environmental Science/Biology/ AG Earth Science/AG Biology		Introduction to Building & Construction Trades	Physical Education Exploring Computer Science (DE-CIS1 & STU90) *	Industry/ Guest Speakers
High School	10	English 10	Integrated II	Chemistry OR AG Soil Chemistry (DE)*	World History	Introduction to Building & Construction Trades	PE	NEPRIS- Industry live web into the classroom
Hig	11	English 11/AP English Lang/AP Eng. Lit		Anatomy & Physiology	US History 17a/b(DE)*	Residential & Commercial Construction	Fine arts/ Foreign Language	Industry Tours/Job Shadows
	12	English 12 OR English 1A (DE) *	Calculus (DE)		American Gov't/Economics	Construction Technology	Fine arts/ Foreign Language	Community Classroom Placement/ Feeder School visitations and presentations by students
Postsecondary	Please mark Dual Enrolled courses with (*) so we are able to recognize them in data collection See Catalog for Degree Requirements Years 13 16						Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway Google Certification possible Cyber Safe Certificates Occupations Requiring Less Than a Baccalaureate Degree	
Po								Painter Framer Rough Construction
4 Course Pathway 4 Courses Related to a Pathway		Pathway in a Specific	<u>: Sector :</u> Sequen	ice of 4 CTE courses	in the identified patl	nway	Cabinet Maker Occupations Requiring a Baccalaureate Degree	
Devel	Further Developed Pathway A Courses Further Developed Model Definition: Sequence of 4 CTE courses in their identified pathway including at least one academic/core class each year and two Dual Enrollment opportunities (DE) *					Home Design Electrical Engineer Building Control Surveyor		

Industry Sector: Arts Media & Entertainment

Career Pathway: Production & Managerial Arts

	Grade	English/Language Arts	Math	Science	Social Studies	CTE Courses (PATHWAY Courses)	Other Required Courses/ Recommended Electives	Pathway Student Development
-	9	English 9	Integrated I or 1A	Environmental Science/Biology/ AG Earth Science/AG		Introduction to Communications	Physical Education Exploring Computer Science (DE-CIS1 & STU90) *	Industry/ Guest Speakers
High School	10	English 10	Integrated II	Chemistry OR AG Soil Chemistry (DE)*	World History		PE	NEPRIS- Industry live web into the classroom
Higl	11	English 11/AP English Lang/AP Eng. Lit	Alg. II	Anatomy & Physiology	US History 17a/b(DE)*	Broadcast Technology I (Spartan Radio)	Fine arts/ Foreign Language	Industry Tours/Job Shadows
	12	English 12 OR English 1A (DE) *	Calculus (DE)		American Gov't/Economics	II (Spartan Radio)	Fine arts/ Foreign Language	Community Classroom Placement/ Feeder School visitations and presentations by students
	l	Please mark Dual Enro	lled courses with (*)	so we are able to	o recognize them in	data collection		Industry Recognized Certifications,
Postsecondary		See Catalog for Degree Requirements						Licenses, or Credentials Related to This Pathway Google Certification possible
Sor	Years 13							Cyber Safe Certificates
stse	16						Occupations Requiring Less Than a Baccalaureate Degree	
Pc								Broadcaster
								Disc Jockey
	4 Courses Related to a Pathway in a Specific Sector: Sequence of 4 CTE courses in the identified pathway				20424	Sound Mixer Music Producer		
4 Co Path		4 Courses Related to a	iway	Occupations Requiring a Baccalaureate Degree				
Furt	her	4 Courses Further Dev	ay including at least	Broadcast Producer				
Devel	•	one academic/core class	Management Consultant					
Pathway			PR Specialist					